

materials for the aluminum alloy.

3. (Amended) An aluminum sheet material for automobiles, which has an aluminum alloy composition consisting of between more than 2.6 wt% and 5 wt% of Si, 0.2 to 0.8 wt% of Mg, 0.2 to 1.5 wt% of Zn, 0.2 to 1.5 wt% of Cu, 0.2 to 1.5 wt% of Fe, and between 0.05 and less than 0.6 wt% of Mn, and one or more members selected from the group consisting of 0.01 to 0.2 wt% of Cr, 0.01 to 0.2 wt% of Ti, 0.01 to 0.2 wt% of Zr, and 0.01 to 0.2 wt% of V, with the balance of aluminum and unavoidable impurities, wherein the aluminum sheet material is obtained by the method comprising:

melting the aluminum alloy;

casting the aluminum alloy;

homogenizing the aluminum alloy;

hot-rolling the aluminum alloy;

cold-rolling the aluminum alloy;

annealing the aluminum alloy; and

cooling the aluminum alloy at 3°C/sec or above,

thereby obtaining the aluminum sheet material for automobiles,

and wherein a percent reduction is 98% or above in the production of the aluminum sheet material for automobiles.

4. (Amended) The aluminum sheet material of claim 3, wherein the aluminum sheet material is resistant to impact

energy and excellent in bending property.

5. (Amended) The aluminum sheet material of claim 3, wherein the aluminum sheet material has a tensile strength of 253 to 303 MPa.

6. (Amended) The aluminum sheet material of claim 3, wherein the aluminum sheet material has a proof strength of 140 to 177 MPa.

7. (Amended) The aluminum sheet material of claim 3, wherein the aluminum sheet material has an elongation of 21.8-24.8%.

Ε₁
Please add the following claim:

Ε₂
--9. (New) A method of producing an aluminum sheet material for automobiles containing an aluminum alloy composition which consists of between more than 2.6 wt% and 5 wt% of Si, 0.2 to 0.8 wt% of Mg, 0.2 to 1.5 wt% of Zn, 0.2 to 1.5 wt% of Cu, 0.2 to 1.5 wt% of Fe, and between 0.05 and less than 0.6 wt% of Mn, and one or more members selected from the group consisting of 0.01 to 0.2 wt% of Cr, 0.01 to 0.2 wt% of Ti, 0.01 to 0.2 wt% of Zr, and 0.01 to 0.2 wt% of V, with the balance of aluminum and unavoidable impurities,

wherein said method comprises the steps of:

melting the aluminum alloy;

casting the aluminum alloy;

homogenizing the aluminum alloy;

hot-rolling the aluminum alloy;

cold-rolling the aluminum alloy;

annealing the aluminum alloy; and

cooling the aluminum alloy at 3°C/sec or above,

thereby obtaining the aluminum sheet material

and wherein a percent reduction is 98% or above in the
production of the aluminum sheet material for automobiles.--


